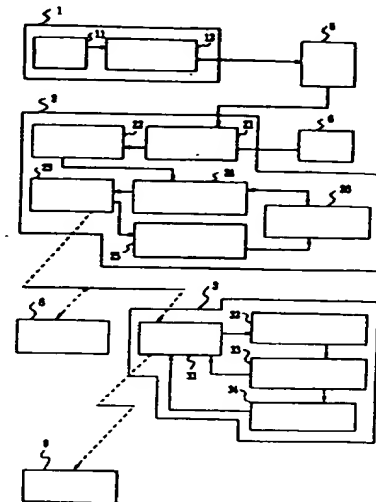


**(54) REMOTE CONTROL SYSTEM**

(11) 5-284245 (A) (43) 29.10.1993 (19) JP  
 (21) Appl. No. 4-81280 (22) 3.4.1992  
 (71) NEC SHIZUOKA LTD (72) KATSUYUKI SHIMIZU  
 (51) Int. Cl.<sup>5</sup> H04M11/00, H04Q9/00

**PURPOSE:** To realize the economical system without installation of a cable in a building.

**CONSTITUTION:** A control request signal to remote control electronic products 8,9 is converted into a PB signal by a control request device 1, sent via a telephone line network 5, a control signal generator 2 receiving the control request PB signal and converts the PB signal into a predetermined infrared ray control signal for the remote control electronic products 8,9 and sends the signal to the remote control electronic product 8 for its control and the signal is sent to the remote control electronic product 9 at the location where the infrared ray is not directly reached via a control signal repeater 3 to control the remote control electronic product 9.



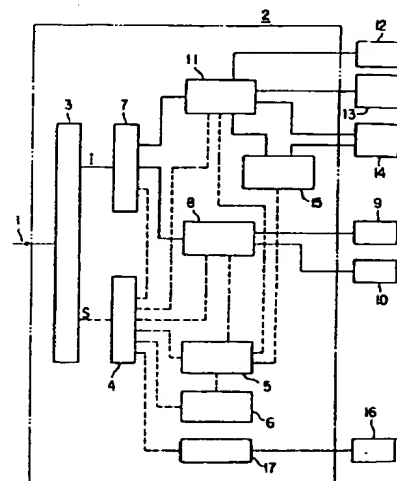
6: telephone set, 11: input section, 12: PB signal generating section, 21: voice signal switching section, 22: PB signal analysis section, 23,31: infrared ray transmission reception section, 24: remote control signal generating section, 25: remote control signal analysis section, 26,32: remote control signal storage section, 33: remote control signal synchronization output section, 34: remote control signal amplifier section

**(54) MULTI-MEDIUM TERMINAL EQUIPMENT**

(11) 5-284247 (A) (43) 29.10.1993 (19) JP  
 (21) Appl. No. 4-106222 (22) 31.3.1992  
 (71) TOSHIBA CORP (72) KOSEI HIDAKA  
 (51) Int. Cl.<sup>5</sup> H04M11/00, H04N7/15, H04N7/173

**PURPOSE:** To a multi-medium terminal equipment in which the security function and retrieval of arrived information from a visiting place are attained.

**CONSTITUTION:** The terminal equipment is a communication terminal equipment connected to a communication network through which at least two information media among information media of voice, picture and data are sent/received, a call is produced to the network and reaches a desired communication terminal equipment to send/receive information as a multi-medium terminal equipment, and it is provided with an image pickup means 12 taking at least a surrounding picture, a fault discrimination means 15 discriminating a fault based on the picture information picked up by the fault discrimination means 15, and control means 4, 5, 6 informing the result of the discrimination of fault discrimination means 15 to a designated terminal equipment by the incidence of the call.



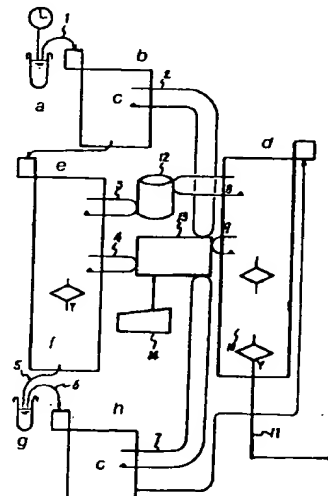
3: communication interface circuit, 4: terminal control circuit, 5: monitor control circuit, 6: information notice transmission circuit, 7: multiplexer/demultiplexer circuit, 8: voice communication control circuit, 9: speech device, 10: voice recorder, 11: picture communication control circuit, 13: picture display device, 14: picture information recorder, 15: picture analysis circuit, 16: key board, 17: key control circuit

**(54) BYPASS SYSTEM FOR VOICE COLLATION SYSTEM**

(11) 5-284248 (A) (43) 29.10.1993 (19) JP  
 (21) Appl. No. 4-26308 (22) 13.2.1992  
 (71) NEC CORP (72) YOSHIHIRO HORIMOTO  
 (51) Int. Cl.<sup>5</sup> H04M11/00, G10L3/00, H04M3/42

**PURPOSE:** To allow the own bank of the system dynamically to bypass an audio reply equipment (ARE) by providing an audio collation notice means or the like connecting a signal to an ARE of a bypass destination when the number of an ARE at a bypass destination and the number of an ARE of a queue are coincident to the system if the ARE is faulty.

**CONSTITUTION:** A started job program acquires a number of a notice ARE by a contrast master 12. Then the presence of the fault in the relevant ARE is confirmed by a common table 13. When a fault is in existence, a number of a bypassed ARE is used to make a 2nd schedule and a command 14 is used to apply the presence of the ARE and the bypassed ARE number. Succeedingly, information of a noticed customer is given to a notice scheduling job program from an immediate queue. When the relevant ARE is faulty and the ARE number of the bypass destination is coincident based on the common table 13 again, the number of the ARE is set, a text is generated and sent to the voice collation notice system center.



1: arrival of time, 3,8: acquisition of ARE number, 10: relevant ARE in fault, 10: ARE number of queue is coincident with bypass destination, 11: contact to ANSER center by bypass destination ARE, 12: contrast master, a: contact queue, b: 1st notice scheduling means, c: idle line search, d: 2nd voice collation notice means, e: 1st voice collation notice system center

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